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Dark Matter, Double Supernova Neutrino Explosion, Predetermination? Why the Standard Model Group?

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We propose a model for dark matter, which in principle ONLY uses the Standard Model, although it only works under the use of speculated NON-PERURBATIVE effects. In this model the dark matter consists of insect sized pearls or better bubbles made from a different phase of vacuum (condensate vacuum") consisting of a fluid of top and anti-top quarks - likely in the form of bound states of 6 top + 6 anti top quarks - pumped up by usual atoms under very high pressure to compensate the very strong surface tension of the bubbles. We take as fitted values of the size of the bubbles a diameter of 1 cm and a mass of 10^8 kg, and correspondingly the distance between the individual bubbles is between our distance to the moon and to the sun.

It is order of magnitude-wise very possible, that the energy gap between filled and empty single particle electron states should be of the order of a few keV's, and thus excitons with an energy making them able to produce the 3.5 keV X-ray line seemingly observed, and earlier suggested to come from dark matter are possible with our pearls. The energy needed to fit the intensity of the 3.5 keV observed - if it really is observed - matches very well with the energy produced by the UNIFICATION of our pearls - droplets - when they meet each other. Impacts - one about every century - would fit with causing the special type of volcanos called kimberlite pipes, of which there are about 6500 known on the earth. In the supernova SN1987A in the Large Magellanic Cloud there were observations of a controversial neutrino signal in Mont Blanc by LSD, about 5 hours before the main neutrino burst; this is speculated to be due to our pearls.

Our dark matter picture is loosely coupled to our very long ago proposed philosophy of "Random Dynamics" hoping for the laws of nature to come out AUTOMATICALLY. Especially, the need for several vacua with same energy density - one of which to be the interior of the pearls - requires that at least coupling constants are in some way INFLUENCED from the FUTURE. Also we shall propose what is so special about the gauge group of the Standard Model, that precisely that group should have been chosen to be THE GROUP.

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